DECLARATION FOR PATENT APPLICATION (JOINT OR SOLE) (Under 37 CFR § 1.63; with Power of Attorney)

FROMMER LAWRENCE & HAUG LLP FLH File No. 450100-03001

As a below named inventor, I hereby declare that:

the specification of which X is attached hereto.

____ was filed on _____ as Application Serial No. _____,

My residence, post office address and citizenship are as stated below next to my name,
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention ENTITLED: INFORMATION PROCESSING APPARATUS USING CLASS-CLASSIFICATION ADAPTIVE PROCESSING

with amendment(s) through		(if applicable	, give dates).
I hereby state that I have reviewed the claims, as amended by any amendment ref	erred to above.		
I acknowledge the duty to disclose to be material to patentability as defined	to the United States F in Title 37. Code of F	ederal Regulations Sec 1	56
I hereby claim foreign priority ben for patent or inventor's certificate listed inventor's certificate having a filing date	below and have also i before that of the ap	dentified below any foreig plication on which priorit	in application for patent or
	ntry: F	iled (Day/Month/Year):	Priority Claimed: Yes No
	apan apan	10 February 2000 25 December 2000	×
13	•		
I hereby claim the benefit under II below and, insofer as the subject matter of States application in the manner provided by duty to disclose to the United States Patent patentability as defined in Title 37, Code date of the prior application and the nation of the prior IIS Amnification(s.) List and	each of the claims of y the first paragraph t and Trademark Office of Federal Regulations nal or PCT internation	this application is not d of Title 35, United States all information known to , Sec. 1.56, which became al filing date of this app	disclosed in the prior United Code § 112, I acknowledge the
Prior U.S. Application(s) [list add Appln. Ser. Number: Filed (Day/M	ditional applications		
100		Status (patented, pending	
I hereby appoint MILLIAM S. FROMME or their duly appointed associate, my attorn application, to make alterations and amendment of the patent, and to transact all busherewith, and specify that all communication address:	neys, with full power ents therein, to file	of substitution and revoca continuation and divisiona	tion, to prosecute this I applications thereof, to
WILLIAM S. FROMMER , Esq. C/O FROMMER LAWRENCE & HAUG LLP 745 Fifth Avenue New York, New York 10151		Direct all telephone call (212) 588-0800 to the attention of: WILLIAM S. FROMMER	ls to:
I hereby declare that all statement information and belief are believed to be tr Willful false statements and the like so mad Title 18 of the United States Code and that or any patent issued thereon. INVENTOR(S):	rue; and further that de are punishable by f	these statements were made	with the knowledge that
Signature:	Tetsujiro KONDO	Date:	
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Note: In order to qualify for reduced fees having rights to the invention must also sig	available to Small Eng n an appropriate sepai	tities, each inventor and a rate "Verified Statement ([any other individual or entity Declaration) Claiming [or

Supporting a Claim by Another for] Small Entity Status" form [e.g. for Independent Inventor, Small Business Concern, Nonprofit Organization, individual Non-Inventor].

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statistically obtained. It is assumed that a regression straight line of (q, L) shown in Fig. 33 is identical with the straight line indicated by the expression (5).

If "b" is known, "a" is calculated by the expression (6).

$$a = (B - nb)/A \tag{6}$$

If "a" is known, "b" is calculated by the expression (7).

$$b = (B - Aa)/n \tag{7}$$

Where, n indicates the number of points (q, L), A indicates Σx , and B indicates Σy .

The dynamic range DR is calculated by the expression (8).

$$DR = (\Sigma I' - N*MIN)/(\Sigma q)*2^{\circ}$$

$$= (((DR'/2^{\circ'})*Y) + N*MIN' - N*MIN)/X*2^{\circ}$$

$$= (N*(MIN' - MIN)*2^{\circ'} + DR'*Y)*2^{\circ}/(X*2^{\circ'}) (8)$$

As shown in Fig. 34A, when the number of blocks having no missing pixel and being adjacent to a block for which the dynamic range DR or the minimum value MIN of pixel values is to be recovered is called ni, N equals Σni. In Figs. 34A and 34B, hatched squares indicate blocks for which the dynamic range DR or the minimum value MIN of pixel values is to be recovered. In Figs. 34A and 34B, not-hatched squares indicate blocks having no missing pixel. When a block for which the dynamic range DR or the minimum value MIN of pixel